



MCH6331-TL-E Information

Heisener.com

Part Number MCH6331-TL-E Manufacturer ON Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET P-CH 30V 3.5A MCPH6

Package 6-SMD, Flat Leads

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



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Certified Quality

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MCH6331-TL-E Specifications

Manufacturer Part Number Manufacturer ON Semiconductor Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package 6-SMD, Flat Leads Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Ourrent - Continuous Drain (Id) @ 25°C J.5A (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) 250pF @ 10V Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature MOSFET (Metal Oxide) 30V Current - Continuous Drain (Id) @ 25°C 3.5A (Ta) - Current - Continuous Prain (Id) @ 25°C 3.5A (Ta) - Current - Continuous Pr		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single 6-SMD, Flat Leads Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Toxin to Source Voltage (Vdss) Ourrent - Continuous Drain (Id) @ 25°C Toxin to Source Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 250pF @ 10V Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Power Dissipation (Max) Rds On (Max) @ Id, Vgs Power Dissipation (Max) Rds On (Max) @ Id, Vgs Surface Mount Supplier Device Package Package / Case Posser Single 6-SMD, Flat Leads	Manufacturer Part Number	MCH6331-TL-E
Package 6-SMD, Flat Leads Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 3.5A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 5nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 250pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1.5W (Ta) Rds On (Max) @ Id, Vgs 98 mOhm @ 1.5A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-MCPH Package / Case 6-SMD, Flat Leads	Manufacturer	ON Semiconductor
Package6-SMD, Flat LeadsSeries-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C3.5A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs5nC @ 10VInput Capacitance (Ciss) (Max) @ Vds250pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.5W (Ta)Rds On (Max) @ Id, Vgs98 mOhm @ 1.5A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-MCPHPackage / Case6-SMD, Flat Leads	Category	Discrete Semiconductor Products
Series-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C3.5A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs5nC @ 10VInput Capacitance (Ciss) (Max) @ Vds250pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.5W (Ta)Rds On (Max) @ Id, Vgs98 mOhm @ 1.5A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-MCPHPackage / Case6-SMD, Flat Leads		Transistors - FETs, MOSFETs - Single
FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C3.5A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs5nC @ 10VInput Capacitance (Ciss) (Max) @ Vds250pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.5W (Ta)Rds On (Max) @ Id, Vgs98 mOhm @ 1.5A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-MCPHPackage / Case6-SMD, Flat Leads	Package	6-SMD, Flat Leads
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Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 3.5A (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 3.5A (Ta) 3.5A (Ta) 3.5A (Ta) 3.5A (Ta) 4V, 10V 4V, 10V 4V, 10V 4V, 10V 4V, 10V 5InC @ 10V 150°C (10V 150°C (TJ) Surface Mount 6-MCPH 6-SMD, Flat Leads	FET Type	P-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 98 mOhm @ 1.5A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 3.5A (Ta) 3.5A (Ta) 3.5A (Ta) 3.5A (Ta) 3.5A (Ta) 4V, 10V 3.5A (Ta)	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 4V, 10V 4V, 10V 4V, 10V 4V, 10V Package / Case 5nC @ 10V 250pF @ 10V	Drain to Source Voltage (Vdss)	30V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 5nC @ 10V 250pF @	Current - Continuous Drain (Id) @ 25°C	3.5A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 250pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 98 mOhm @ 1.5A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-MCPH Package / Case 6-SMD, Flat Leads	Drive Voltage (Max Rds On, Min Rds On)	4V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-MCPH Package / Case 250pF @ 10V 25	Vgs(th) (Max) @ Id	-
Vgs (Max)±20VFET Feature-Power Dissipation (Max)1.5W (Ta)Rds On (Max) @ Id, Vgs98 mOhm @ 1.5A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-MCPHPackage / Case6-SMD, Flat Leads	Gate Charge (Qg) (Max) @ Vgs	5nC @ 10V
FET Feature - Power Dissipation (Max) 1.5W (Ta) Rds On (Max) @ Id, Vgs 98 mOhm @ 1.5A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-MCPH Package / Case 6-SMD, Flat Leads	Input Capacitance (Ciss) (Max) @ Vds	250pF @ 10V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 98 mOhm @ 1.5A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-MCPH Package / Case 6-SMD, Flat Leads	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs98 mOhm @ 1.5A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-MCPHPackage / Case6-SMD, Flat Leads	FET Feature	-
Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-MCPH Package / Case 6-SMD, Flat Leads	Power Dissipation (Max)	1.5W (Ta)
Mounting Type Surface Mount Supplier Device Package 6-MCPH Package / Case 6-SMD, Flat Leads	Rds On (Max) @ Id, Vgs	98 mOhm @ 1.5A, 10V
Supplier Device Package 6-MCPH Package / Case 6-SMD, Flat Leads	Operating Temperature	150°C (TJ)
Package / Case 6-SMD, Flat Leads	Mounting Type	Surface Mount
	Supplier Device Package	6-МСРН
Report errors?	Package / Case	6-SMD, Flat Leads
Report circles.		Report errors?

MCH6331-TL-E Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

MCH6331-TL-E Payment Methods



















MCH6331-TL-E Shipping Methods













If you have any question about MCH6331-TL-E, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com